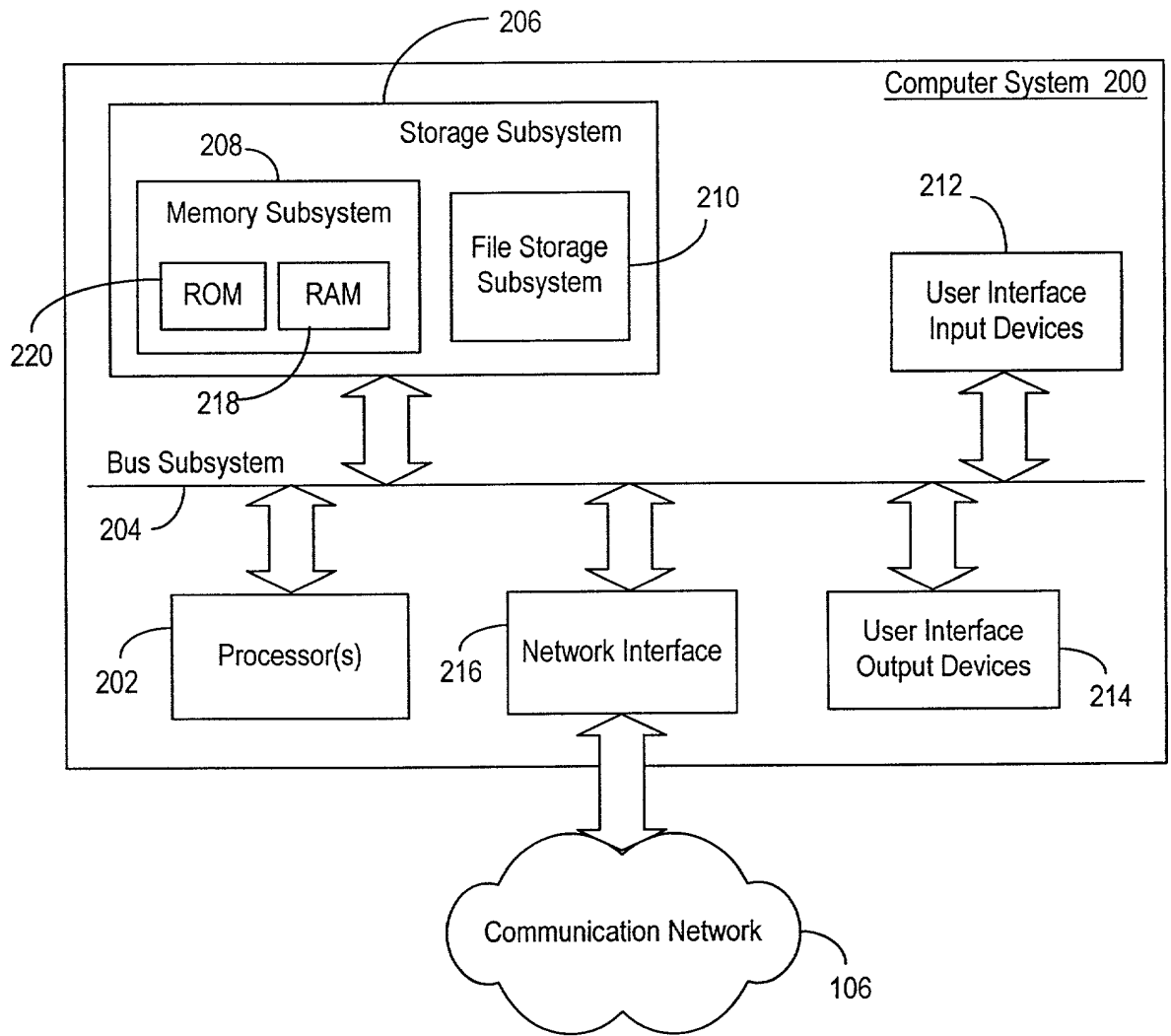
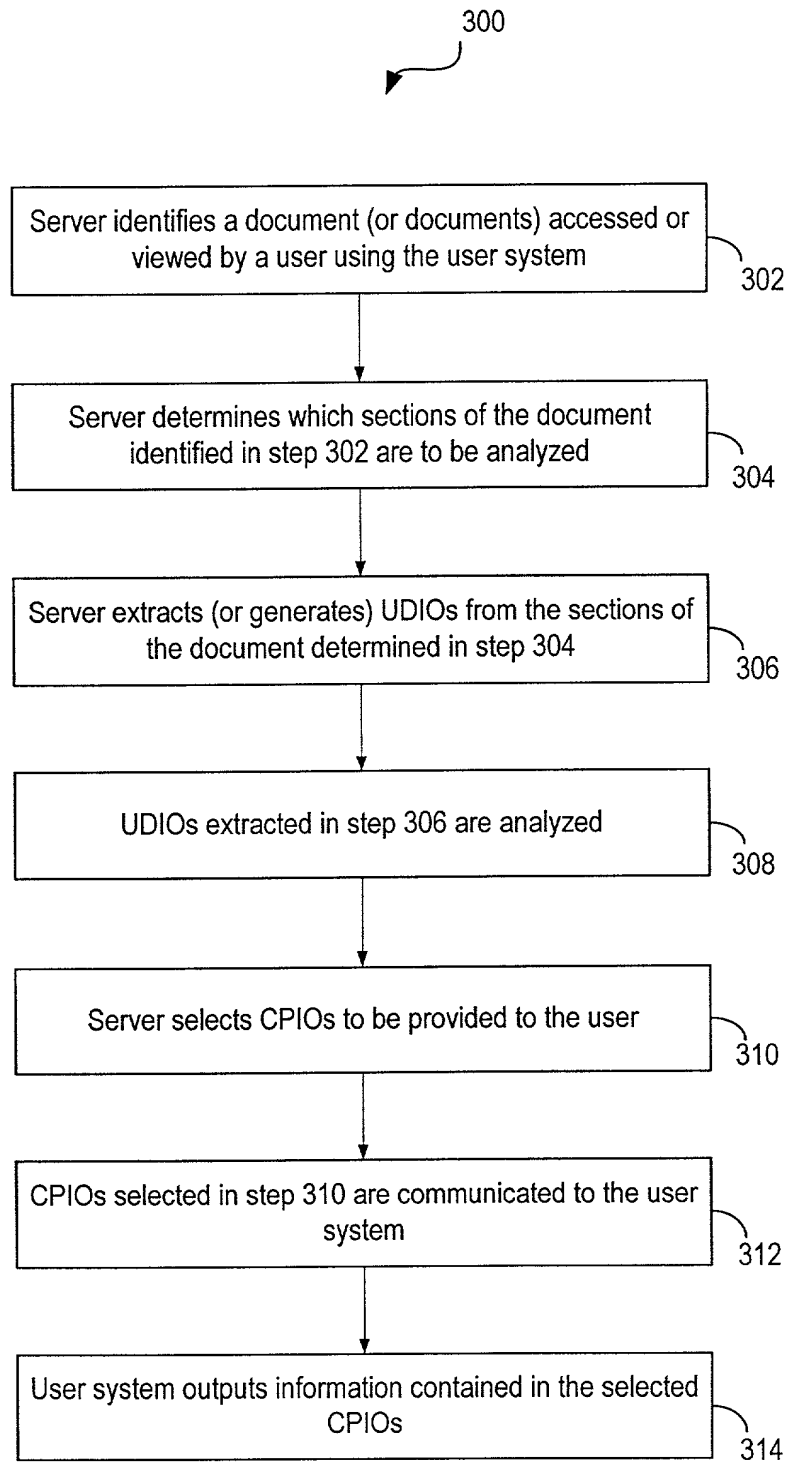


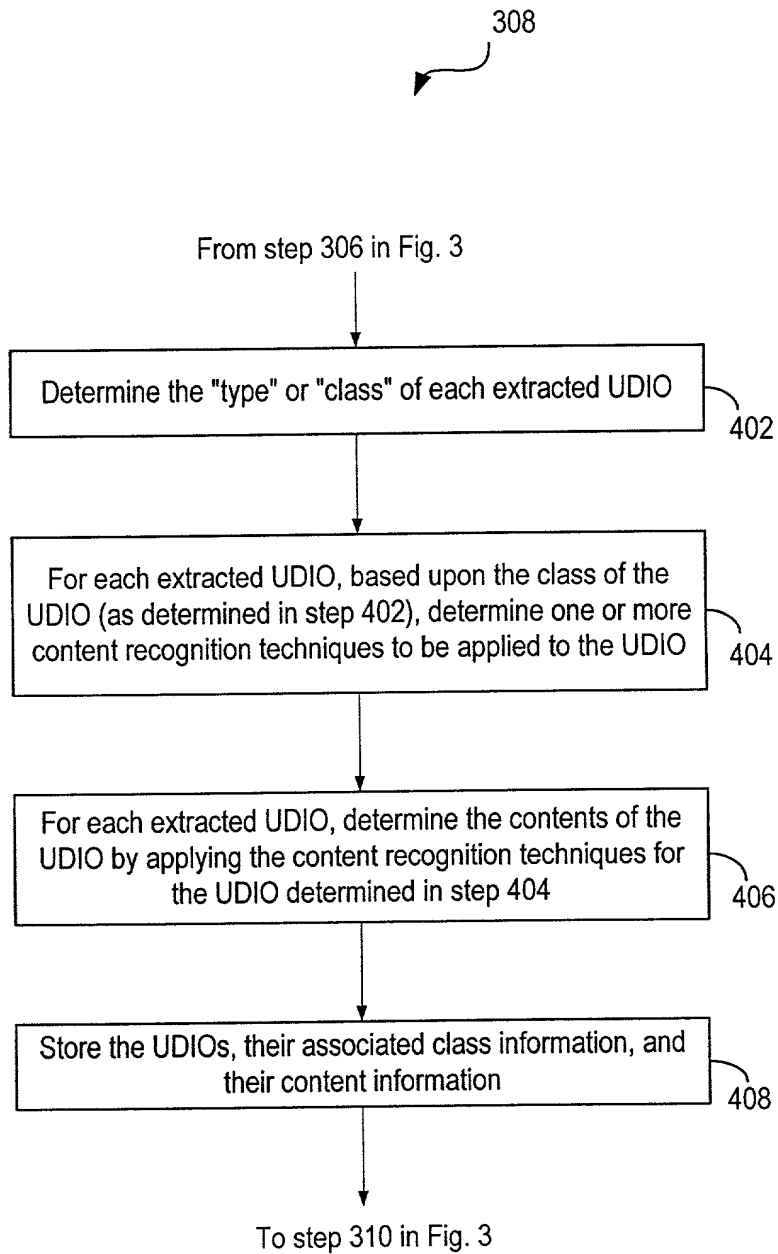
**Fig. 1**



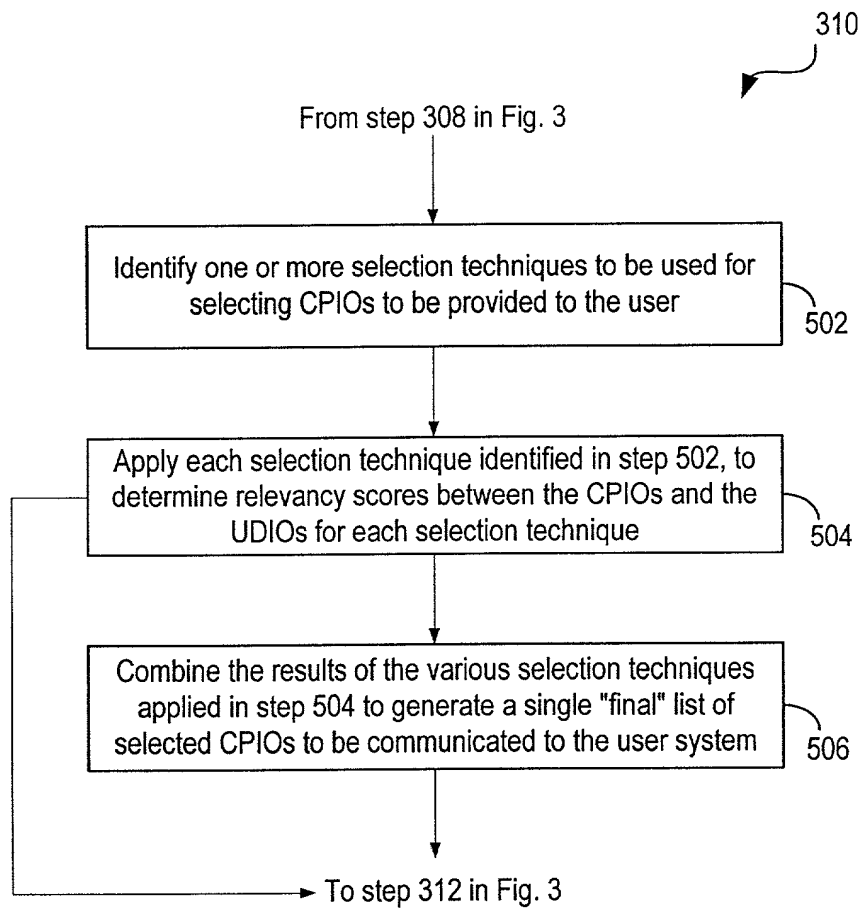
**Fig. 2**



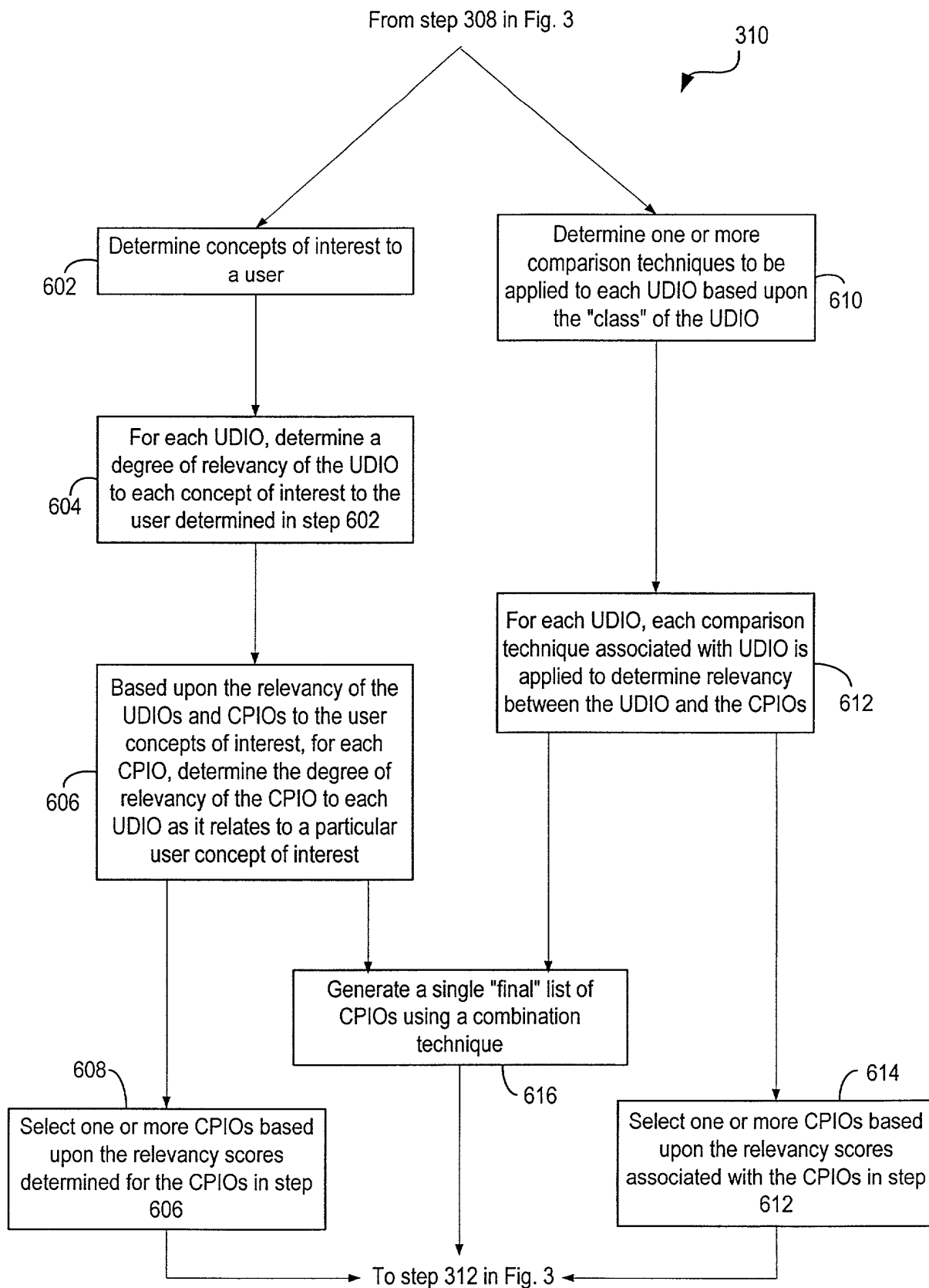
**Fig. 3**



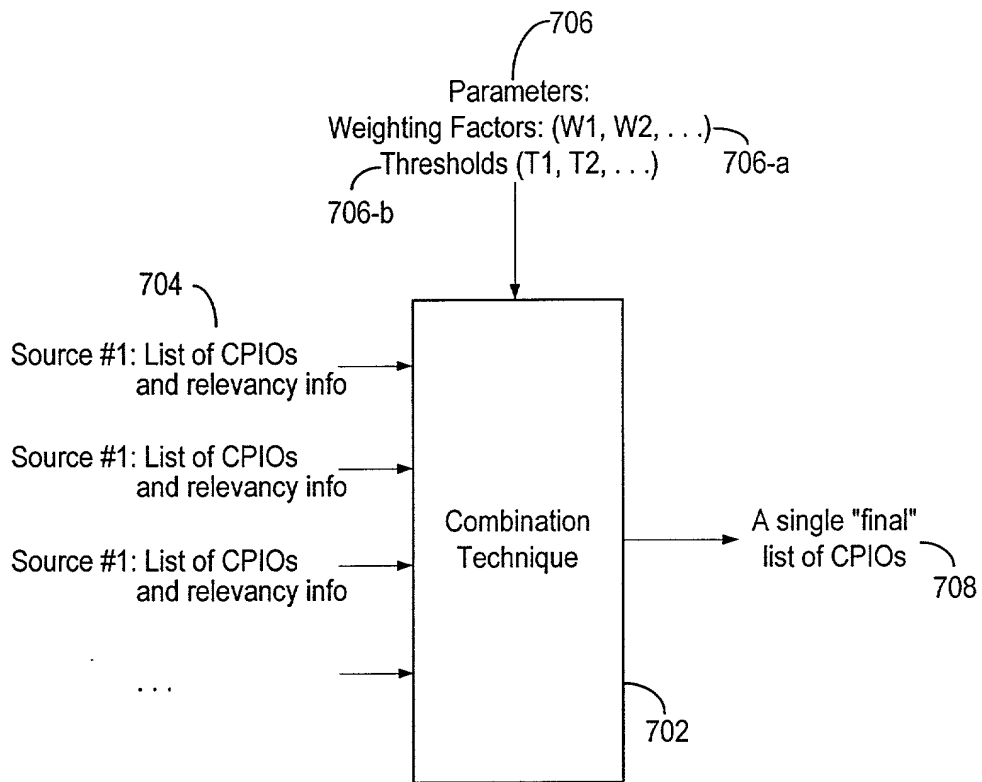
**Fig. 4**



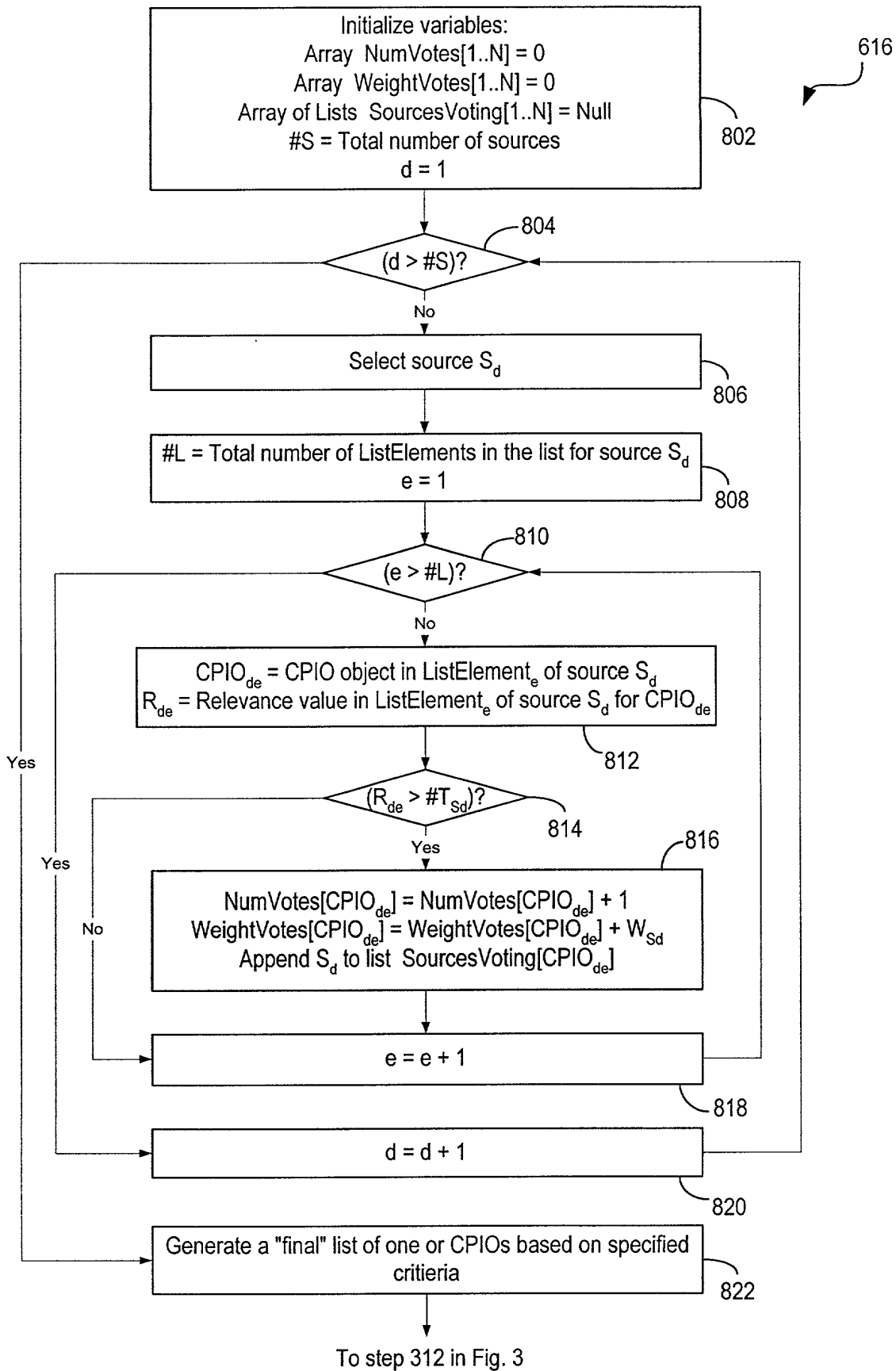
**Fig. 5**



**Fig. 6**



**Fig. 7**



**Fig. 8**



FOOTCO 9003050660

902

906


904

Janey's Reader's Helper: May/June 99: Cyborg Seeks Community  
File Edit View Favorites History Tools Help

Back Forward Stop Search Favorites History Home

Address: http://localhost:8080/RI/Files/ser/p001/body/martins/wearablebetweenable.htm

CHI 97 Electronic Publications Papers  
22-23 MARCH 1997 ATLANTA GEORGIA USA  
LOOKING TO THE FUTURE



CHI 97

# The Design of a Wearable Computer

Len Bass, Chris Kasabach, Richard Martin, Dan Siewiorek, Asim Smailagic, John Sivorc

Carnegie Mellon University  
Pittsburgh, Pa 15213  
+1 412 268 6763  
(lib, chris.kasabach, martin, dps asim.smailagic, john.sivorc)@cs.cmu.edu

## Abstract

The design process used to produce an innovative computer system is presented. The computer system that resulted from the process uses a circular motif both for the user interface and the input device. The input device is a dial and the user interface is visually organized around the concept of a circle. The design process itself proceeded in the presence of a great many constraints and we discuss these constraints and how an innovative design was achieved in spite of the constraints.

## Keywords

Wearable computers, input devices, body worn computers, user center design, integrated product teams.

My Topics  
✓ Options  
Agents (3%)  
Interface (77%)  
Wearable (07%)  
Bayer (10%)  
Design (03%)  
InputDev (59%)  
Further Reading  
90

Further Reading  
Cyborg Seeks.. (68%)  
Tourist Wear (55%)  
Smart Clothing.. (54%)

Fig. 9A

902

906

904

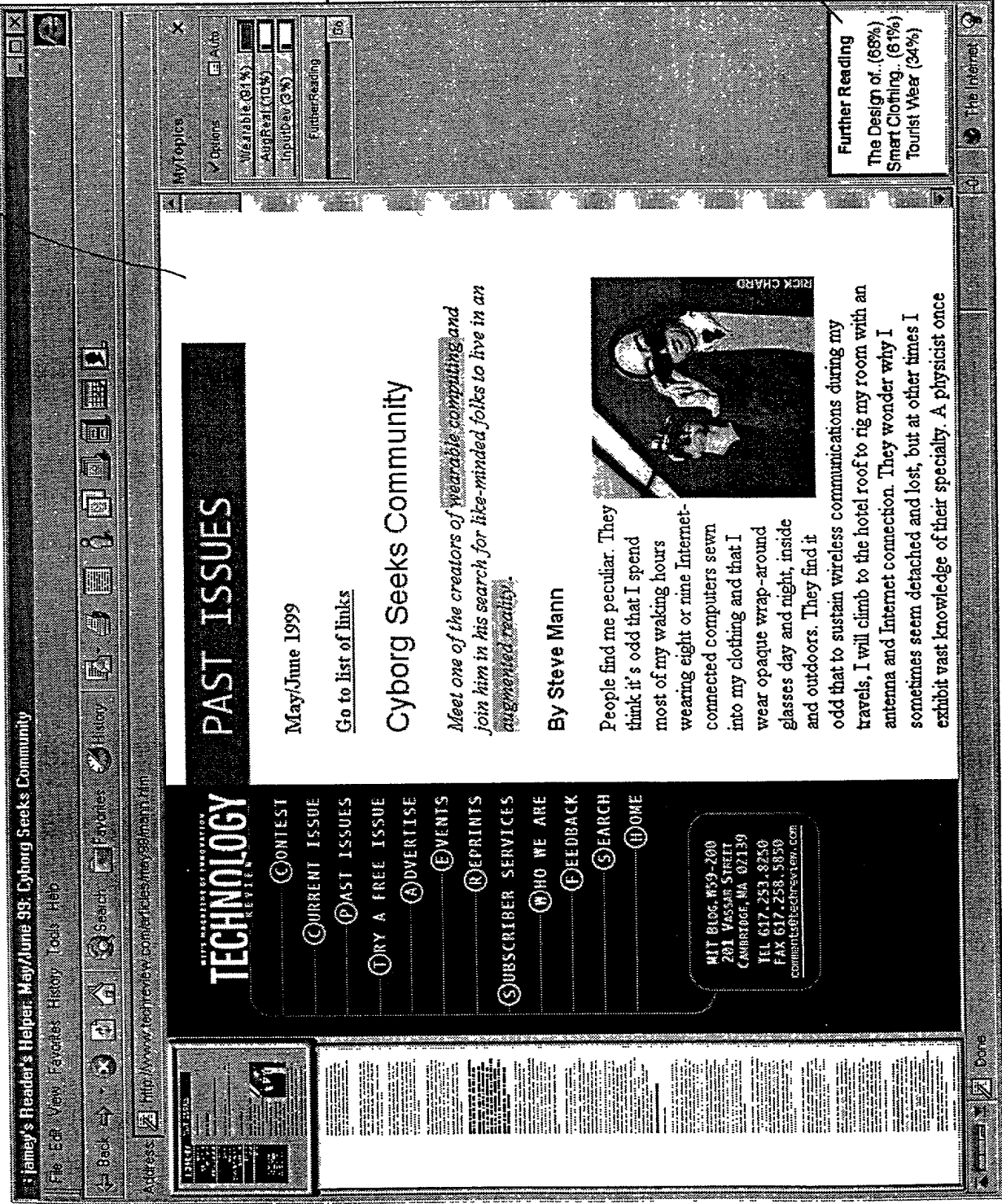


Fig. 9B

910 20" 9E050660

912

916

914

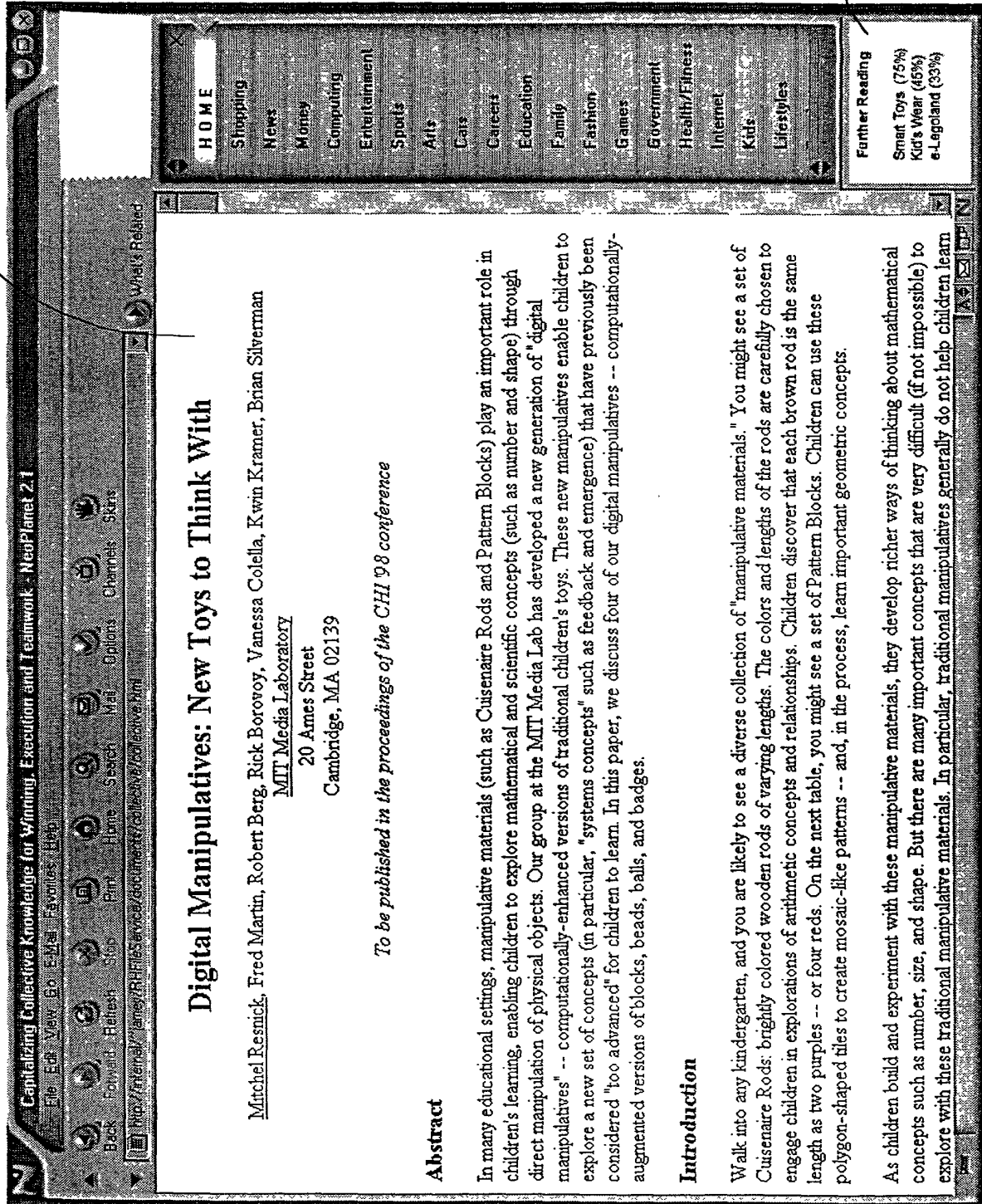


Fig. 9c